



Overboard Discharges

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Quality Management

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Protecting Maine's Air, Land and Water

General Outline

- 1. Overview**
 - a. definition**
 - b. types**
 - c. numbers**
- 2. Licensing**
 - a. duration and relicensing**
 - b. law changes**
- 3. Removal**
 - a. requirements**
 - b. grants**
 - c. results**
 - d. abandonment**



Definition of OBD

- An overboard discharge (OBD) is the discharge to surface water of domestic or domestic-like wastes from places where people live or buy and sell products or services and where the discharge does not go to a publicly-owned treatment works. We reserve this term for licensed discharges that have some form of treatment system on the property.

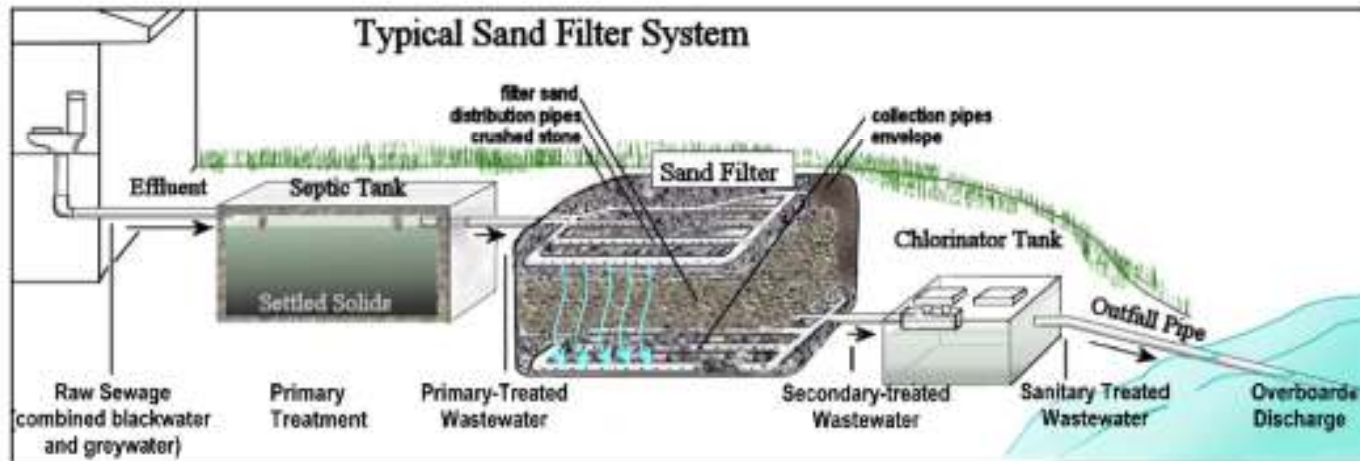


OBD Types

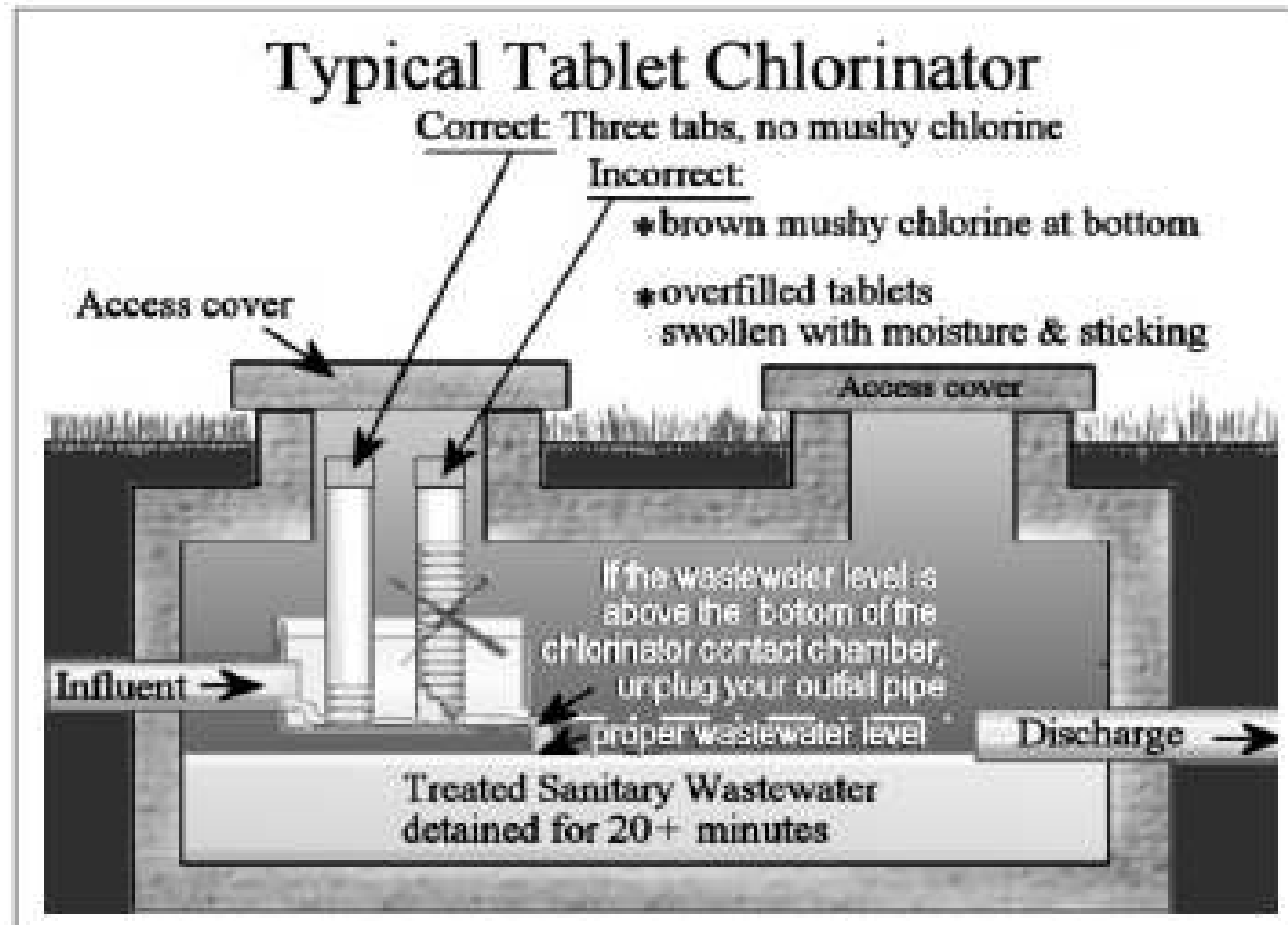
1. Sand filter
2. Mechanical
3. Grey water only
4. Other



OBD Sand Filter



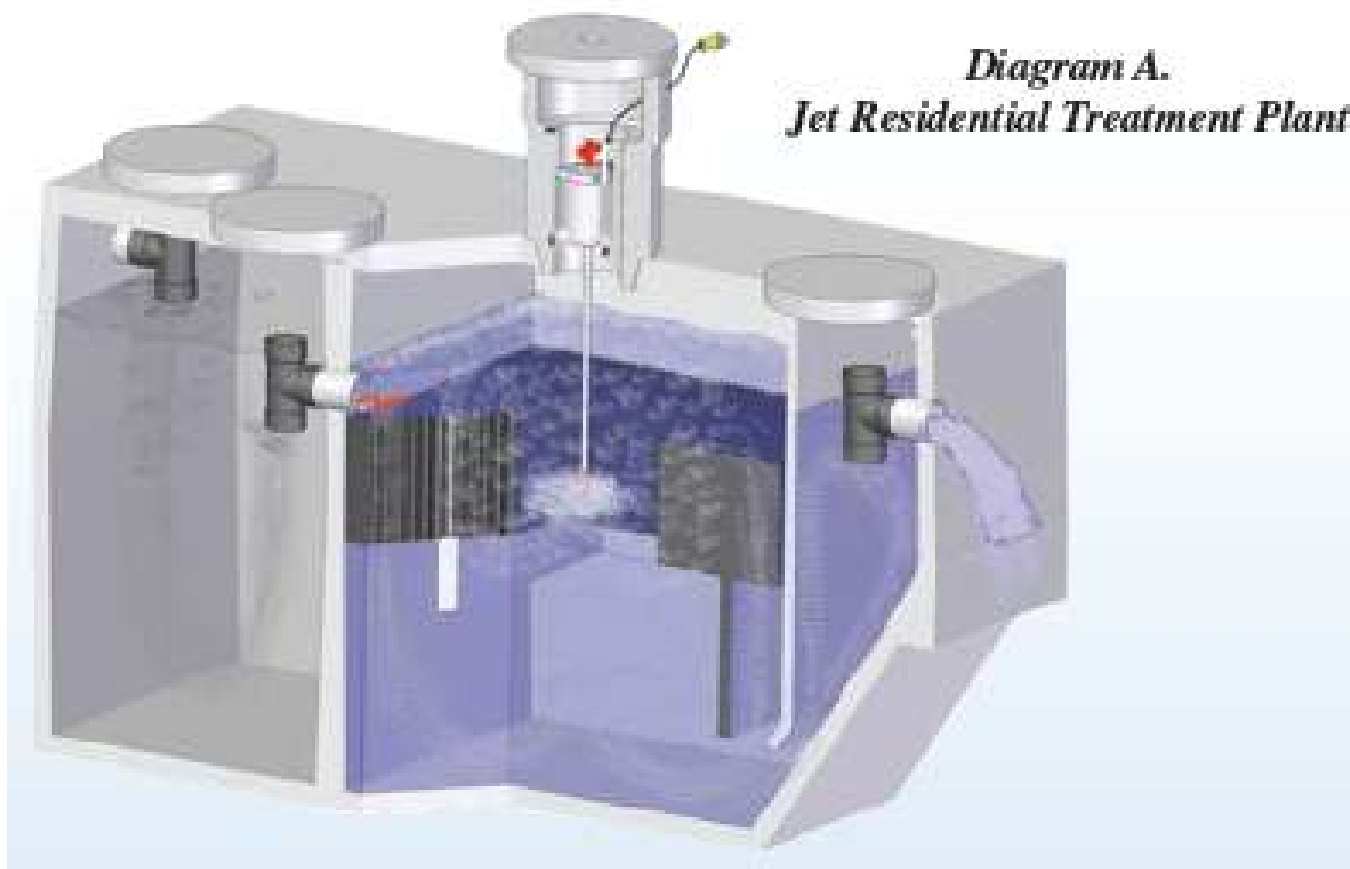
OBD Chlorinator



OBD Chlorinator

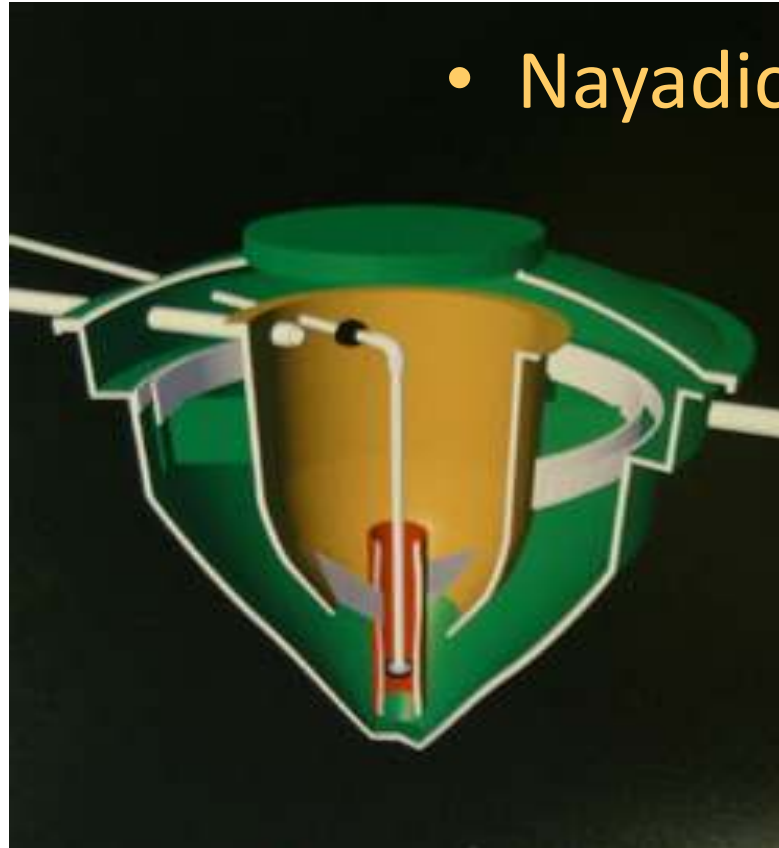


Mechanical OBD



Mechanical OBD

- Nayadic



Mechanical OBD

Enviro-guard



OBD Licensing Issues

- 1. OBD licenses issued for 5-year term**
- 2. First major law change in 1987**
- 3. License criteria made very strict**
 - a. New licenses very unlikely**
 - b. Strict renewal criteria**
 - c. Additional limitations on transfers**



OBD Licensing Criteria

1. New license criteria

- **Must have existed in 1986-7**
- **No other alternative**
- **Must be year-round**

2. Renewal criteria:

- **No municipal sewer available**
- **No subsurface alternative**
- **No town or district-managed holding tank**
- **No \$, if eligible for removal**
- **Seasonal?**



OBD Transfer Criteria

- 1. License issued before 9/1/2010**
 - **Site evaluation required within 5 years**
 - **Must be replaced if subsurface practicable**
 - **Replacement required within 90 days**

- 2. License issued after 9/1/2010**
 - **Significant Actions (\$50K) included in criteria**
 - **Site evaluation required within 5 years**
 - **Replacement required within 180 days**
 - **Low income waiver established (<\$25K)**
 - **Must be connected to available sewer**



OBD Licensing & Compliance

**Irene Saumur – 485-2404 (OBD licensing)
irene.saumur@maine.gov**

**Gregg Wood – 287-7693 (Licensing section
manager)**

Bill Johnson – 287-7684 (compliance)



Site Evaluation Required

- 1. For renewal applications when no recent site evaluation has been done**
- 2. For property transfers or significant actions when no site evaluation within the previous 5 years**
- 3. Site evaluation must be done:**
 - By Licensed Site Evaluator acceptable to DEP**
 - Must have experience with OBD replacement**
 - Replacement criteria of Subsurface Rules applied**
 - Property owned or controlled by permittee**
 - Irrespective of financial condition of permittee**



OBD Removal Program

- 1. Legislature established OBD removal grant program to fund eliminations**
 - Depends on passage of bonds for funding**
 - Only for replacement of DEP-licensed systems**
- 2. When a site evaluation demonstrates feasible alternative or when sewer is available.**
- 3. Grants may be made to individual or to municipality**



Removal of OBDs

- 1. For residential OBDs, only primary residence eligible**
- 2. Only eligible for assistance up to \$125,000 annual income**
- 3. Sliding scale for assistance cost share**
- 4. If eligible for only partial cost share, DEP (or Maine State Housing Authority) may be able to provide full financing by loan for remainder of cost**
- 5. If eligible for assistance and no funding is available, replacement is not required**



OBD Removal cost share

1. Income <\$25,000	100%
2. Income \$25,000 - \$50,000	90%
3. Income \$50,001 - \$75,000	50%
4. Income \$75,001 - \$100,000	35%
5. Income \$100,001 - \$125,000	25%
6. Income >\$125,000	0%
7. Publicly-owned (max grant = \$150K)	50%



OBD Abandonment Criteria

- 1. Residual wastewater disposal**
- 2. Elimination of tankage not re-used in replacement**
- 3. Sand filter decommissioning**
 - Capacity <1000 gallons per day**
 - Capacity >1000 gallons per day**
- 4. Remove discharge pipe**
- 5. Notify DEP**



OBD Removal Program

Tim MacMillan – 287-7765 (program manager)

John Skelly– 287-9091 (new program staff)



OBD Information Sources

- 1. Overboard Discharges (general)**
- 2. 2010 law changes Fact Sheet**
- 3. OBD Abandonment**
- 4. Licensed Site Evaluator guidance**
- 5. DEP website:
(<http://www.maine.gov/dep/water/wd/OBD>)**





www.maine.gov/dep